

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-28 (Canceled)

Claim 29 (Currently Amended): A process to inhibit the formation of scale in a water system at both high ~~(e.g. wellhead [(D)])~~ and low ~~(e.g. seabed [(D)])~~ temperatures comprising ~~the~~ a step of adding to the water system of a scale inhibiting amount of a composition comprising:

(a) a copolymer of an unsaturated phosphonic acid [(D)] or a salt of such an acid [(D)] with an unsaturated sulphonic acid [(D)] or a salt of such an acid [(D)] or an unsaturated carboxylic acid [(D)] or a salt of such an acid [(D)]; or

(b) a terpolymer of an unsaturated phosphonic acid [(D)] or a salt of such an acid [(D)] with an unsaturated sulphonic acid [(D)] or a salt of such an acid [(D)] and an unsaturated carboxylic acid [(D)] or a salt of such an acid, [(D)]

wherein the system water temperature at a wellhead is in the range of 80-200°C and a seabed temperature is below 40°C, and

wherein the formation of scale in the water system is inhibited at both the wellhead and seabed temperatures.

Claim 30 (Canceled)

Claim 31 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid (VPA) ~~[[1]]~~ or a salt thereof ~~[[1]]~~ and vinylsulphonic acid (VSA) ~~[[1]]~~ or a salt thereof ~~[[1]]~~.

Claim 32 (Currently Amended): The process according to claim 29, wherein the composition comprises a 1:20 copolymer of vinylphosphonic acid VPA and vinylsulphonic acid VSA.

Claim 33 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylphosphonic acid VPA ~~[[1]]~~ or a salt thereof ~~[[1]]~~ and acrylic acid (AA) ~~[[1]]~~ or a salt thereof ~~[[1]]~~ or methacrylic acid (MAA) ~~[[1]]~~ or a salt thereof ~~[[1]]~~.

Claim 34 (Currently Amended): The process according to Claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid (VDPA) ~~[[1]]~~ or a salt thereof ~~[[1]]~~ and acrylic acid AA ~~[[1]]~~ or a salt thereof ~~[[1]]~~ or methacrylic acid MAA ~~[[1]]~~ or a salt thereof ~~[[1]]~~.

Claim 35 (Currently Amended): The process according to claim 29, wherein the composition comprises a copolymer of vinylidene-1,1-diphosphonic acid VDPA ~~[[1]]~~ or a salt thereof ~~[[1]]~~ and vinylsulphonic acid VSA ~~[[1]]~~ or a salt thereof ~~[[1]]~~.

Claim 36 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid VPA ~~[[1]]~~ or a salt

thereof **[( )]**, acrylic acid AA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 37 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylphosphonic acid VPA **[( )]** or a salt thereof **[( )]**, methacrylic acid MAA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 38 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA **[( )]** or a salt thereof **[( )]**, acrylic acid AA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 39 (Currently Amended): The process according to claim 29, wherein the composition comprises a terpolymer of vinylidene-1,1-diphosphonic acid VDPA **[( )]** or a salt thereof **[( )]**, methacrylic acid MAA **[( )]** or a salt thereof **[( )]** and vinylsulphonic acid VSA **[( )]** or a salt thereof **[( )]**.

Claim 40 (Currently Amended): The process according to claim 29, wherein in the composition any the salt of the phosphonic acid, sulphonic acid or carboxylic acid is a wholly-neutralised or partially-neutralised salt.

Claim 41 (Previously Presented): The process according to claim 40, wherein the salt is a sodium salt, a potassium salt or an ammonium salt.

Claim 42 (Currently Amended): The process according to claim 29, wherein the amount of the composition is up to 1000 ppm, ~~optionally from 1 ppm to 200 ppm.~~

Claim 43 (Canceled)

Claim 44 (Canceled)

Claim 45 (Previously Presented): The process according to claim 29, wherein the water system is operatively associated with an oilfield or oil-well.

Claims 46 - 52 (Canceled)

Claim 53 (New): The process according to claim 29, wherein the amount of the composition is from 1 ppm to 200 ppm.